*Fig. 1*

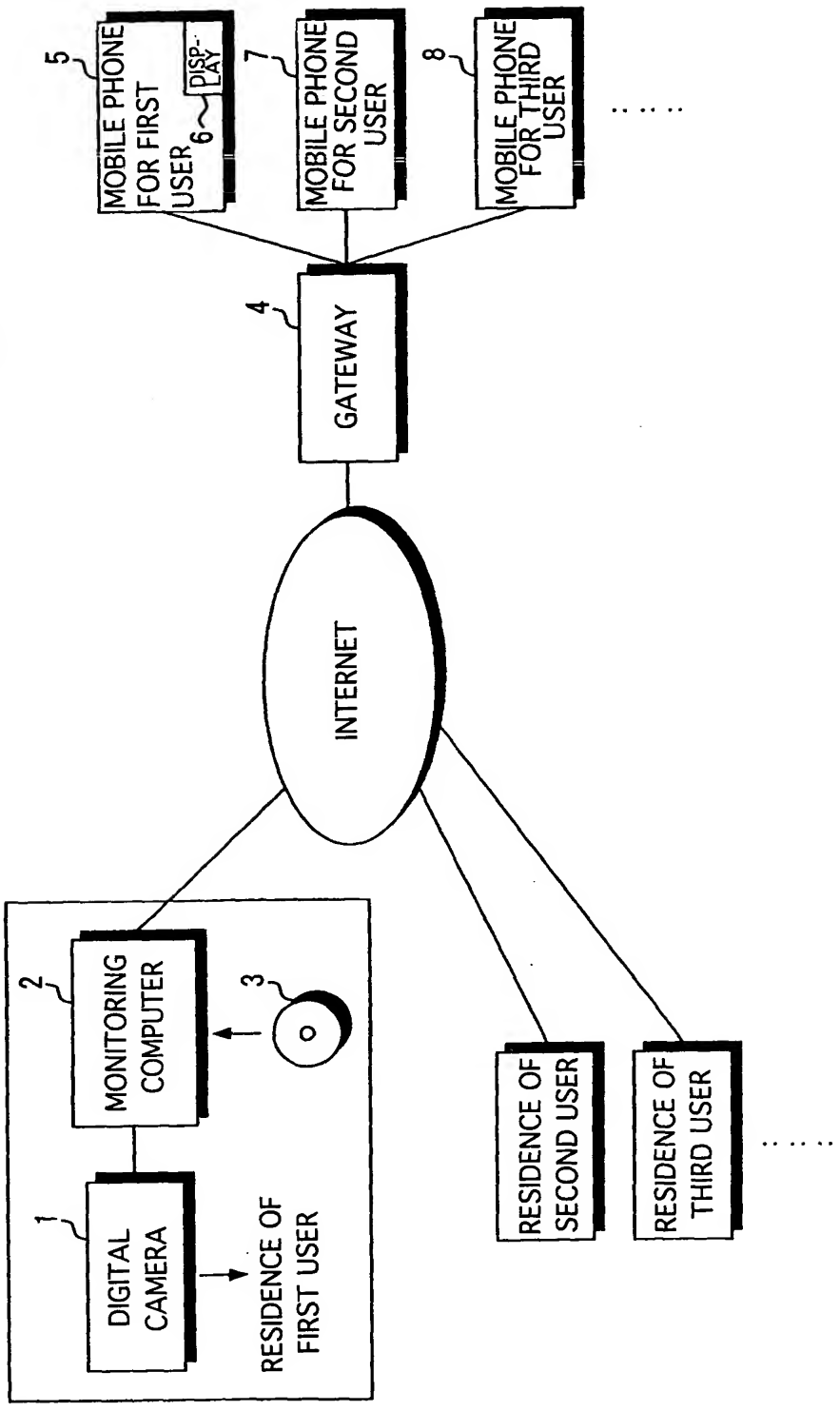

5
MOBILE PHONE FOR FIRST USER
6
DISP-LAY
7
MOBILE PHONE FOR SECOND USER
8
MOBILE PHONE FOR THIRD USER
4
GATEWAY
INTERNET
2
MONITORING COMPUTER
3
1
DIGITAL CAMERA
RESIDENCE OF FIRST USER
RESIDENCE OF SECOND USER
RESIDENCE OF THIRD USER

*Fig. 2*

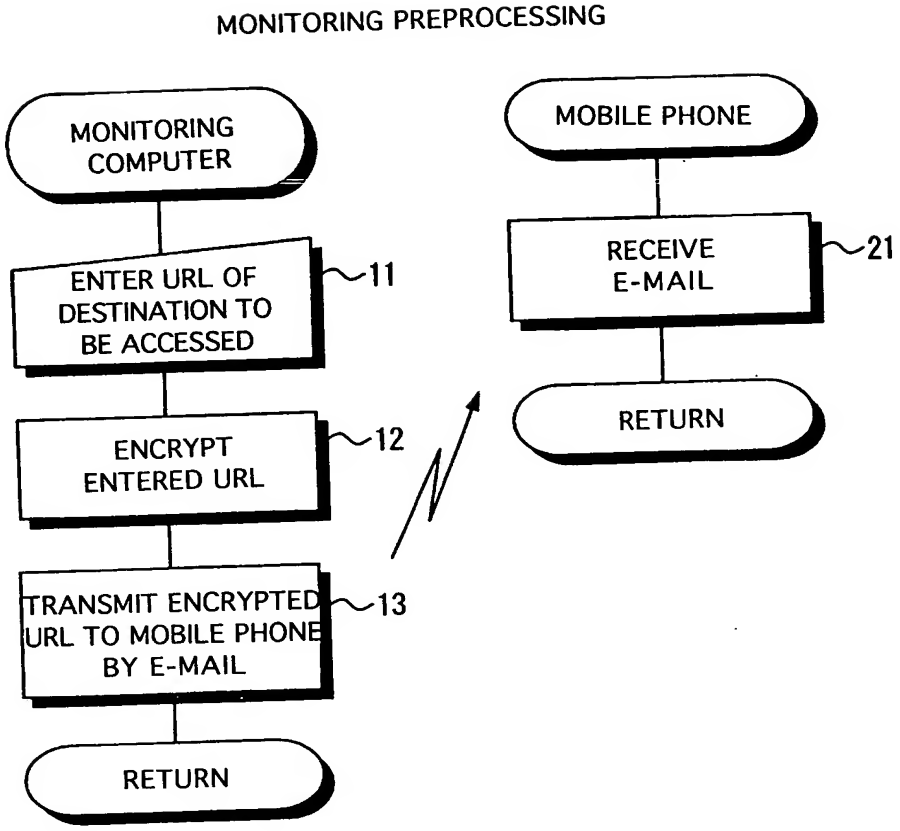

MONITORING PREPROCESSING
MONITORING COMPUTER
ENTER URL OF DESTINATION TO BE ACCESSED
11
ENCRYPT ENTERED URL
12
TRANSMIT ENCRYPTED URL TO MOBILE PHONE BY E-MAIL
13
RETURN
MOBILE PHONE
RECEIVE E-MAIL
21
RETURN

*Fig. 3*

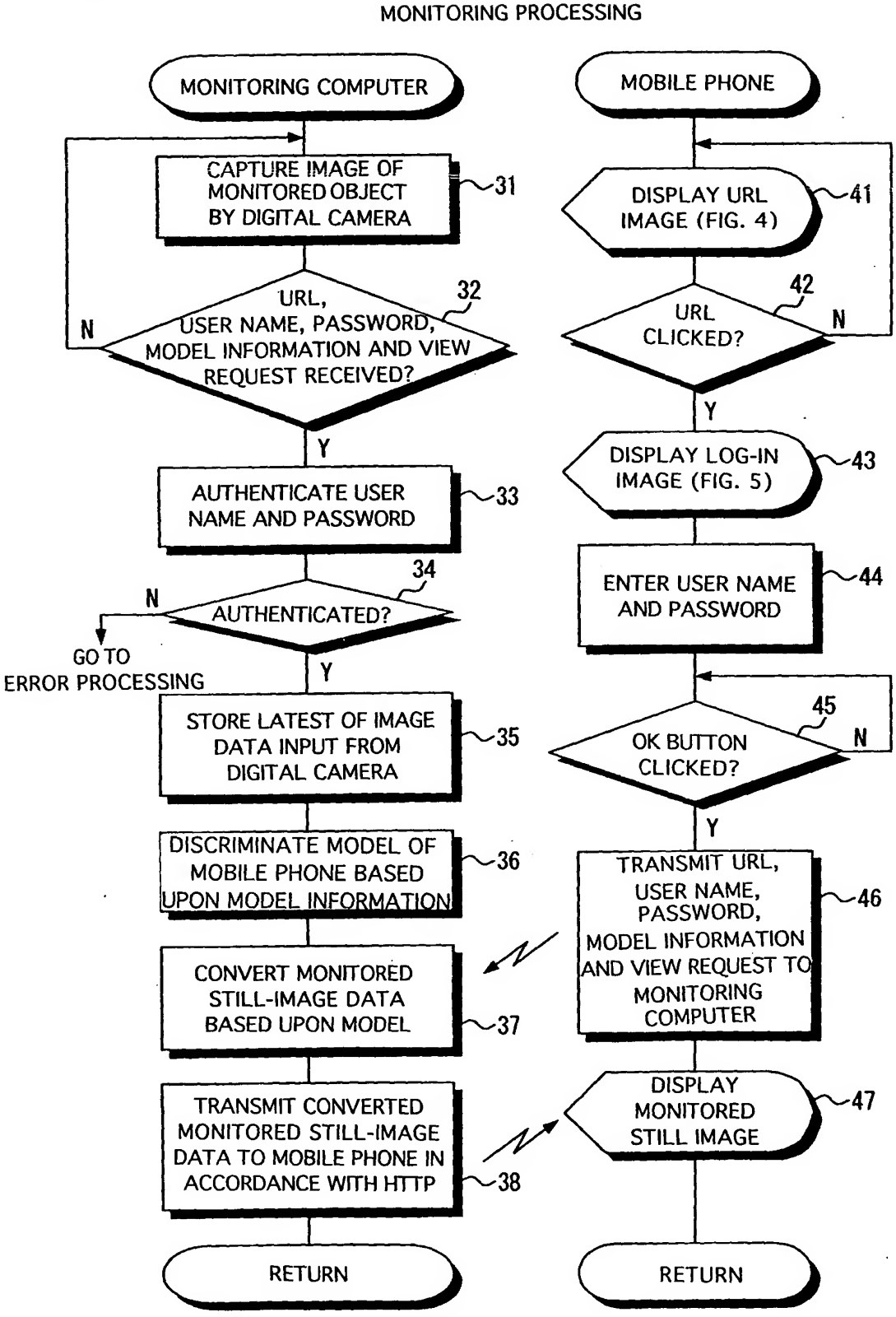

MONITORING PROCESSING
MONITORING COMPUTER
MOBILE PHONE
CAPTURE IMAGE OF MONITORED OBJECT BY DIGITAL CAMERA
31
DISPLAY URL IMAGE (FIG. 4)
41
URL, USER NAME, PASSWORD, MODEL INFORMATION AND VIEW REQUEST RECEIVED?
32
N
Y
URL CLICKED?
42
N
Y
AUTHENTICATE USER NAME AND PASSWORD
33
DISPLAY LOG-IN IMAGE (FIG. 5)
43
AUTHENTICATED?
34
N
GO TO ERROR PROCESSING
Y
ENTER USER NAME AND PASSWORD
44
STORE LATEST OF IMAGE DATA INPUT FROM DIGITAL CAMERA
35
OK BUTTON CLICKED?
45
N
Y
DISCRIMINATE MODEL OF MOBILE PHONE BASED UPON MODEL INFORMATION
36
TRANSMIT URL, USER NAME, PASSWORD, MODEL INFORMATION AND VIEW REQUEST TO MONITORING COMPUTER
46
CONVERT MONITORED STILL-IMAGE DATA BASED UPON MODEL
37
TRANSMIT CONVERTED MONITORED STILL-IMAGE DATA TO MOBILE PHONE IN ACCORDANCE WITH HTTP
38
DISPLAY MONITORED STILL IMAGE
47
RETURN
RETURN

*Fig. 4*

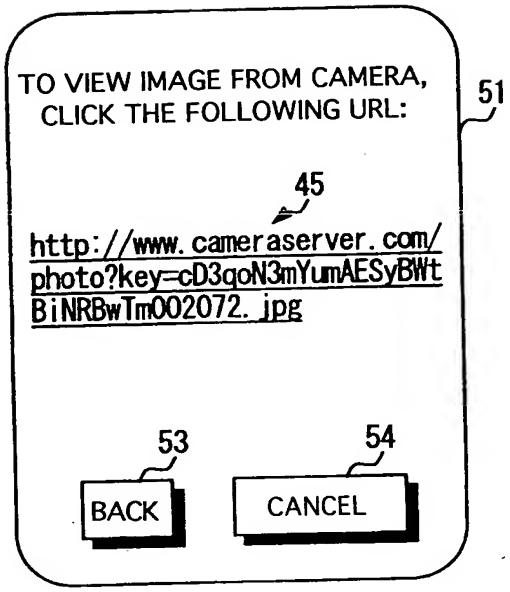
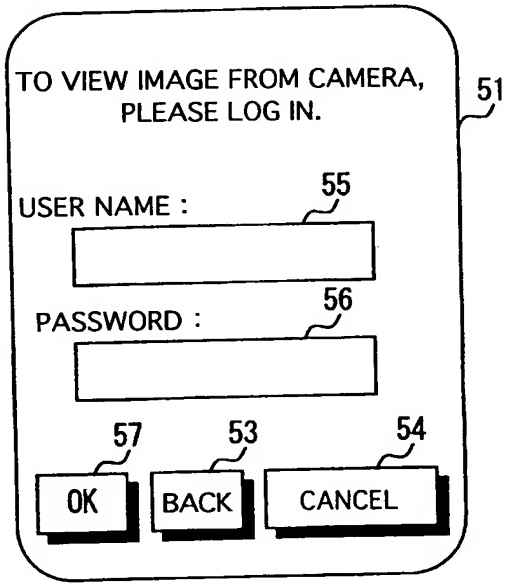

TO VIEW IMAGE FROM CAMERA,
CLICK THE FOLLOWING URL:
51
45
http://www.cameraserver.com/photo?key=cD3qoN3mYumAESyBWtBiNRBwTm002072.jpg
53
54
BACK
CANCEL

*Fig. 5*


TO VIEW IMAGE FROM CAMERA,
PLEASE LOG IN.
51
USER NAME :
55
PASSWORD :
56
57
53
54
OK
BACK
CANCEL